CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 07.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer**, R R Nagara Division, BBMP, Bangalore.
Agency : **Sri C T Raju,** Contractor, Bangalore.
Name of the work : Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{20}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.11.2020	07.12.2020	8.075	475.3	21.12
2	09.11.2020	07.12.2020	8.098	484.9	21.55
3	09.11.2020	07.12.2020	8.116	496.2	22.05

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.11.2020	07.12.2020	8.152	500.2	22.23
2	09.11.2020	07.12.2020	8.169	486.3	21.61
3	09.11.2020	07.12.2020	8.177	512.3	22.77

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.11.2020	07.12.2020	8.101	476.5	21.18
2	09.11.2020	07.12.2020	8.119	489.3	21.75
3	09.11.2020	07.12.2020	8.134	499.2	22.19

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Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{20}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.11.2020	07.12.2020	8.130	476.3	21.17
2	09.11.2020	07.12.2020	8.161	490.5	21.80
3	09.11.2020	07.12.2020	8.178	506.4	22.51

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Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.11.2020	07.12.2020	8.180	501.2	22.28
2	09.11.2020	07.12.2020	8.197	494.3	21.97
3	09.11.2020	07.12.2020	8.164	515.7	22.92

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 24.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**Executive Engineer ,** R R Nagara Division, BBMP, Bangalore.
Agency	**Sri C T Raju,** Contractor, Bangalore.
Name of the work	: Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.11.2020	24.11.2020	8.062	523.6	23.27
2	17.11.2020	24.11.2020	8.089	512.3	22.77
3	17.11.2020	24.11.2020	8.105	504.6	22.43

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.11.2020	24.11.2020	8.173	500.2	22.23
2	17.11.2020	24.11.2020	8.154	498.6	22.16
3	17.11.2020	24.11.2020	8.142	517.2	22.99

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.11.2020	24.11.2020	8.121	505.5	22.47
2	17.11.2020	24.11.2020	8.105	518.9	23.06
3	17.11.2020	24.11.2020	8.076	529.6	23.54

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Client **Executive Engineer ,** R R Nagara Division, BBMP, Bangalore.

Agency **Sri C T Raju,** Contractor, Bangalore.

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.11.2020	24.11.2020	8.046	502.3	22.32
2	17.11.2020	24.11.2020	8.037	516.7	22.96
3	17.11.2020	24.11.2020	8.021	528.5	23.49

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 28.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client Executive Engineer , R R Nagara Division, BBMP, Bangalore.

Agency Sri C T Raju, Contractor, Bangalore.

Name of the work : Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.11.2020	28.11.2020	8.189	517.2	22.99
2	21.11.2020	28.11.2020	8.197	528.4	23.48
3	21.11.2020	28.11.2020	8.154	527.4	23.44

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Sample ID : Cement Concrete

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.11.2020	28.11.2020	8.056	511.6	22.74
2	21.11.2020	28.11.2020	8.043	529.2	23.52
3	21.11.2020	28.11.2020	8.022	530.6	23.58

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Grade of Concrete	: M30
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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.11.2020	28.11.2020	8.044	503.8	22.39
2	21.11.2020	28.11.2020	8.079	516.5	22.96
3	21.11.2020	28.11.2020	8.098	531.2	23.61

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	04.12.2020	8.013	501.6	22.29
2	27.11.2020	04.12.2020	8.034	517.8	23.01
3	27.11.2020	04.12.2020	8.057	533.6	23.72

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Sample ID : Cement Concrete

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	04.12.2020	8.100	509.9	22.66
2	27.11.2020	04.12.2020	8.046	522.4	23.22
3	27.11.2020	04.12.2020	8.032	537.6	23.89

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 04.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Executive Engineer , R R Nagara Division, BBMP, Bangalore.

Agency : Sri C T Raju, Contractor, Bangalore.

Name of the work : Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	04.12.2020	8.007	535.4	23.80
2	27.11.2020	04.12.2020	8.028	522.8	23.24
3	27.11.2020	04.12.2020	8.049	509.3	22.64

Note:

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2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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1	27.11.2020	04.12.2020	8.172	501.1	22.27
2	27.11.2020	04.12.2020	8.151	516.8	22.97
3	27.11.2020	04.12.2020	8.128	527.4	23.44

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Job No.: CQCE/BBMP/CTR/W.No.17/2020-21 Date: 25.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**Executive Engineer ,** R R Nagara Division, BBMP, Bangalore.
Agency	**Sri C T Raju,** Contractor, Bangalore.
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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	25.12.2020	8.111	698.5	31.04
2	27.11.2020	25.12.2020	8.087	708.5	31.49
3	27.11.2020	25.12.2020	8.053	721.2	32.05

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	25.12.2020	8.122	705.2	31.34
2	27.11.2020	25.12.2020	8.146	727.4	32.33
3	27.11.2020	25.12.2020	8.171	716.3	31.84

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	25.12.2020	8.026	704.2	31.30
2	27.11.2020	25.12.2020	8.059	715.7	31.81
3	27.11.2020	25.12.2020	8.079	730.4	32.46

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.11.2020	25.12.2020	8.100	722.1	32.09
2	27.11.2020	25.12.2020	8.131	710.4	31.57
3	27.11.2020	25.12.2020	8.159	699.7	31.10

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